

**REMARKS**

In accordance with the foregoing, claims 1-9, 14-17, and 50-67 are pending and under consideration. Claims 26-36 and 68-71 are cancelled without prejudice or disclaimer, and claim 66 is currently amended. No new matter is presented in this Amendment.

**REJECTIONS UNDER 35 U.S.C. §102:**

Claims 1, 6-9, 14, 16, 26-28, 36, 50-53, 60-65 and 68-71 are rejected under 35 U.S.C. §102(e) as being anticipated by Park et al. (U.S. Patent Publication 2004/0090888), hereinafter "Park 0888." Applicants note that claims 26-28 and 36 have been cancelled, and therefore the rejection of claims 26-28 and 36 is moot. The rejection of claims 1, 6-9, 14, 16, 50-53, 60-65 and 68-71 is traversed and reconsideration is respectfully requested.

As a point of clarification, the instant application is based on Korean Patent Application Nos. 2003-12953, filed on March 3, 2003 in the Korean Intellectual Property Office, Korean Patent Application No. 2003-16495, filed on March 17, 2003 in the Korean Intellectual Property Office, and Korean Patent Application No. 2004-5640, filed on January 29, 2004 in the Korean Intellectual Property Office. Certified copies of these Korean Patent Applications were filed in the United States Patent and Trademark Office as acknowledged by the Examiner on page 1 of the Office Action. Further, enclosed are English translations of Korean Patent Application No. 2003-12953, Korean Patent Application No. 2003-16495, and Korean Patent Application No. 2004-5640, along with a statement from the translator in compliance with 37 CFR 1.55(a)(4). As such, it is respectfully submitted that Applicants have established a date of invention of, at the latest, March 17, 2003, and a U.S. filing date of February 26, 2004. MPEP 201.15. Since the publications of the priority applications for Park 0888 are after March 17, 2003 and February 26, 2003, it is respectfully submitted that Park 0888 is not available as prior art under 35 U.S.C. 102(a) and 102(b), respectively. MPEP 706.02(b). Lastly, since Park 0888 has a U.S. filing date (September 26, 2003) after March 17, 2003, it is respectfully submitted that Park 0888 is not available as prior art under 35 U.S.C. 102(e) since Park 0888 was not filed prior to the date of invention. Since Park 0888 does not appear to qualify as prior art under 35 U.S.C. 102(e) or any other statutory provisions, it is respectfully requested that the Examiner withdraw the rejection of claims 1, 6-9, 14, 16, 50-53, 60-65 and 68-71 in view of Park 0888.

Claims 1, 6-8, 26-27, 32, 35, 55-57, 60 and 66 are rejected under 35 U.S.C. §102(e) as being anticipated by Park et al. (U.S. Patent Publication 2004/0174793), hereinafter "Park 4793."

Applicants note that claims 26-27, 32 and 35 have been cancelled, and therefore the rejection of claims 26-27, 32 and 35 is moot. The rejection of claims 1, 6-8, 55-57, 60 and 66 is traversed and reconsideration is respectfully requested.

As noted above, it is respectfully submitted that Applicants have established a date of invention of, at the latest, March 17, 2003. MPEP 201.15. Since the publications of the priority applications for Park 4793 are after March 17, 2003, it is respectfully submitted that Park 4793 is not available as prior art under 35 U.S.C. 102(a) or 102(b), respectively. MPEP 706.02(b). Lastly, since Park 4793 has a U.S. filing date (December 23, 2003) after March 17, 2003, it is respectfully submitted that Park 4793 is not available as prior art under 35 U.S.C. 102(e) since Park 4793 was not filed prior to the date of invention. Since Park 4793 does not appear to qualify as prior art under 35 U.S.C. 102(e) or any other statutory provisions, it is respectfully requested that the Examiner withdraw the rejection of claims 1, 6-8, 55-57, 60 and 66 in view of Park 4793.

**REJECTIONS UNDER 35 U.S.C. §103:**

Claims 2, 54, 58 and 67 are rejected under 35 U.S.C. §103(a) as being unpatentable over Park 4793, further in view of Ito et al. (U.S. 5,404,357). The rejection is traversed and reconsideration is respectfully requested.

As noted above, since Park 4793 does not appear to qualify as prior art and since Ito et al. is not relied upon to fully disclose the features of claims 2, 54, 58, and 67 without Park 4793, it is respectfully requested that the Examiner withdraw the rejection of claims 2, 54, 58, and 67.

Claims 5, 29, 31, 34 and 59 are rejected under 35 U.S.C. §103(a) as being unpatentable over Park 4793, as applied to claims 1 and 26 above, further in view of Fukushima et al. (U.S. Patent 6,552,983). Applicants note that claims 29, 31, and 34 have been cancelled, and therefore the rejection of claims 29, 31, and 34 is moot. The rejection of claims 5 and 59 is traversed and reconsideration is respectfully requested.

As noted above, since Park 4793 does not appear to qualify as prior art and since Fukushima is not relied upon to disclose the features of claims 5, 29, 31, 34 and 59 without Park 4793, it is respectfully requested that the Examiner withdraw the rejection of claims 5 and 59.

Claim 30 is rejected under 35 U.S.C. §103(a) as being unpatentable over Park 4793, in view of Fukushima et al. as applied to claim 29 above, further in view of Ito et al. Applicants

note that claim 30 has been cancelled, and therefore the rejection of claim 30 is moot.

Furthermore, as noted above, since Park 4793 does not appear to qualify as prior art and since Ito et al. and Fukushima et al. are not relied upon to disclose the features of claim 30 without Park 4793, it is respectfully requested that the Examiner withdraw the rejection of claim 30.

Based on the foregoing, this rejection is respectfully requested to be withdrawn.

**CONCLUSION:**

There being no further outstanding objections or rejections, it is submitted that the application is in condition for allowance. An early action to that effect is courteously solicited.

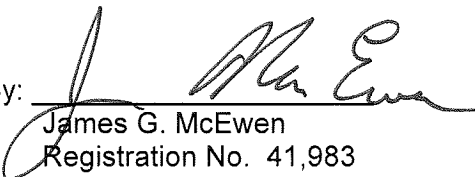
Finally, if there are any formal matters remaining after this response, the Examiner is requested to telephone the undersigned to attend to these matters.

If there are any additional fees associated with filing of this Amendment, please charge the same to our Deposit Account No. 503333.

Respectfully submitted,

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